

AT90USB162-16MU



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Part Number: [AT90USB162-16MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 32VQFN

Data sheet:  [AT90USB82,162](#)
 [AT90USB82,162 Summary](#)

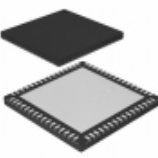
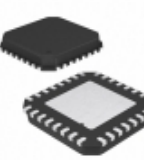
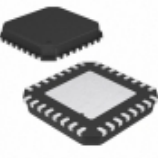
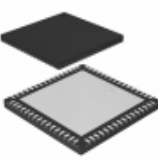
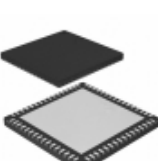
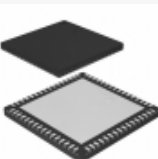
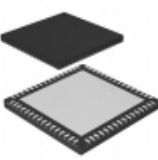
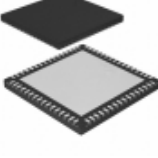
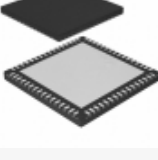
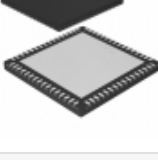
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	AT90USB162-16MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 32VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43467 pcs	Data sheet	AT90USB82,162 AT90USB82,162 Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-VQFN (5x5)	Speed	16MHz
Series	AVR® 90USB	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	32-VFQFN Exposed Pad	Other Names	AT90USB16216MU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	22	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	512 x 8	Detailed Description	AVR AVR® 90USB Microcontroller IC 8-Bit 16MHz 16KB (16K x 8) FLASH 32-VQFN (5x5)
Data Converters	-	Core Size	8-Bit
Core Processor	AVR	Connectivity	EBI/EMI, PS/2, SPI, UART/USART, USB
Base Part Number	AT90USB162		
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	Part#: AT90USB1286-AUR Description: IC MCU 8BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT90USB82-16MU Description: IC MCU 8BIT 8KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: AT90USB162-16MUR Description: IC MCU 8BIT 16KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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